

ABSTRACT

The present invention provides a new binder composition for an electrode for an electric double layer capacitor which comprises a binder good in binding force and excellent in heat resistance, an electrode for an electric double layer capacitor having this binder, and an electric double layer capacitor which is high in capacity and is electrochemically stable by use of a binder composition for an electrode for an electric double layer capacitor comprising a binder polymer and water, wherein said binder polymer comprises: 50 to 98% by mole of monomer units (a) derived from a compound represented by the following general formula: $\text{CH}_2=\text{CR}^1-\text{COOR}^2$ (1) wherein R^1 represents a hydrogen atom or an alkyl group, and R^2 represents an alkyl group having 2 to 18 carbon atoms or a cycloalkyl group having 3 to 18 carbon atoms, 1 to 30% by mole of monomer units (b) derived from an α, β -ethylenically unsaturated nitrile compound, and 0.1 to 10% by mole of monomer units (c) derived from a multifunctional ethylenically unsaturated carboxylic acid ester; has a glass transition temperature from -80 to 0°C.